

## LaCreek National Wildlife Refuge, Accuracy Assessment Metadata

### Identification\_Information:

#### Citation:

##### Citation\_Information:

Originator: Remotes Sensing and GIS Group, Denver, Colorado

Publication\_Date: Unpublished Material

Title: Lacreek National Wildlife Refuge Vegetation Mapping Project AA Points

Geospatial\_Data\_Presentation\_Form: map

Online\_Linkage: <[http://biology.usgs.gov/npsveg/lacr/index.html#accuracy\\_assessment\\_info](http://biology.usgs.gov/npsveg/lacr/index.html#accuracy_assessment_info)>

#### Description:

Abstract: This metadata is for the accuracy assessment points spatial database created at/for Lacreek National Wildlife Refuge, Utah

Purpose: This coverage was created in order to conduct a thematic accuracy assessment of the vegetation database at Lacreek NWR.

#### Time\_Period\_of\_Content:

##### Time\_Period\_Information:

##### Range\_of\_Dates/Times:

Beginning\_Date: 20010801

Ending\_Date: 20010830

Currentness\_Reference: ground condition

#### Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: None planned

#### Spatial\_Domain:

Description\_of\_Geographic\_Extent: LaCreek National Wildlife Refuge and environs

##### Bounding\_Coordinates:

West\_Bounding\_Coordinate: -101.69974

East\_Bounding\_Coordinate: -101.51405

North\_Bounding\_Coordinate: 43.1561

South\_Bounding\_Coordinate: 43.04382

#### Keywords:

##### Theme:

Theme\_Keyword\_Thesaurus: None

Theme\_Keyword: Vegetation

Theme\_Keyword: Fish and Wildlife Service

Theme\_Keyword: National Wildlife Refuge

Theme\_Keyword: Accuracy Assessment

##### Place:

Place\_Keyword\_Thesaurus: None

Place\_Keyword: South Dakota

Place\_Keyword: Lacreek

Place\_Keyword: Little White River

Place\_Keyword: Martin

Place\_Keyword: Lake Creek

#### Taxonomy:

##### Keywords/Taxon:

Taxonomic\_Keyword\_Thesaurus: none

Taxonomic\_Keywords: plant communities

##### Taxonomic\_Classification:

Taxon\_Rank\_Name: Kingdom

Taxon\_Rank\_Value: Plantae

Access\_Constraints: None

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Use\_Constraints: Acknowledgment of the USBR/RSGIG would be appreciated in products derived from these data. Any person using the information presented here should fully understand the data collection and compilation process before beginning their analysis/use. The burden of determining fitness for use lies with the user.

Point\_of\_Contact:

Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: Region 6, Fish and Wildlife Service

Contact\_Address:

Address\_Type: mailing and physical address

Address: Refuges Division, 134 Union Blvd

City: Lakewood

State\_or\_Province: CO

Postal\_Code: 80228

Contact\_Voice\_Telephone: (303) 236-8145

Browse\_Graphic:

Browse\_Graphic\_File\_Name: <http://biology.usgs.gov/npsveg/lacr/images/lacraa.jpg>

Browse\_Graphic\_File\_Description: 179 Kbyte graphic in map composition layout

Browse\_Graphic\_File\_Type: JPG

Data\_Set\_Credit: USBR, Denver, CO: Daniel Cogan, Janet Coles, Jack Butler, Doug Crawford

Native\_Data\_Set\_Environment: HP-UNIX ArcInfo

Cross\_Reference:

Citation\_Information:

Originator: Remotes Sensing and GIS Group, Denver, Colorado

Publication\_Date: Unpublished Material

Title: Lacreek National Wildlife Refuge Vegetation Mapping Project Vegetation Coverage

Geospatial\_Data\_Presentation\_Form: map

Data\_Quality\_Information:

Attribute\_Accuracy:

Attribute\_Accuracy\_Report: n/a

Logical\_Consistency\_Report: None.

Completeness\_Report: All points required for an accuracy assessment were included in the coverage. After the field work was performed, several points were dropped from the coverage because the points were inaccessible during the field work.

Positional\_Accuracy:

Horizontal\_Positional\_Accuracy:

Horizontal\_Positional\_Accuracy\_Report: Positions acquired from GPS units.

Lineage:

Process\_Step:

Process\_Description: Points were established using a stratified random sampling method (portions of the methodology were derived from the USGS/NPS Vegetation Mapping Program's Accuracy Assessment Procedures). Point coverage created using an in-house developed AML using certain criteria for point placement. During the field work, vegetation data at each point was recorded using standard NVCS Plot Point collection form.

Process\_Date: 2001

Process\_Contact:

Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: Remote Sensing and GIS Group

Contact\_Address:

Address\_Type: mailing address

Address: USBR, Code D-8260, POB 25007

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

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Country: USA  
Contact\_Voice\_Telephone: 303-445-2266

Spatial\_Data\_Organization\_Information:  
Direct\_Spatial\_Reference\_Method: Vector  
Point\_and\_Vector\_Object\_Information:  
SDTS\_Terms\_Description:  
SDTS\_Point\_and\_Vector\_Object\_Type: Point  
Point\_and\_Vector\_Object\_Count: 360

Spatial\_Reference\_Information:  
Horizontal\_Coordinate\_System\_Definition:  
Planar:  
Grid\_Coordinate\_System:  
Grid\_Coordinate\_System\_Name: Universal Transverse Mercator  
Universal\_Transverse\_Mercator:  
UTM\_Zone\_Number: 14  
Transverse\_Mercator:  
Scale\_Factor\_at\_Central\_Meridian: 0.9996  
Longitude\_of\_Central\_Meridian: -99  
Latitude\_of\_Projection\_Origin: 0  
False\_Easting: 500000  
False\_Northing: 0  
Planar\_Coordinate\_Information:  
Planar\_Coordinate\_Encoding\_Method: Coordinate Pair  
Coordinate\_Representation:  
Abscissa\_Resolution: 1  
Ordinate\_Resolution: 1  
Planar\_Distance\_Units: meters  
Geodetic\_Model:  
Horizontal\_Datum\_Name: North American Datum of 1983  
Ellipsoid\_Name: Geodetic Reference System 80  
Semi-major\_Axis: 6378137  
Denominator\_of\_Flattening\_Ratio: 298.257

Entity\_and\_Attribute\_Information:  
Detailed\_Description:  
Entity\_Type:  
Entity\_Type\_Label: Points  
Entity\_Type\_Definition: Accuracy Assessment Point Dataset information for the entire length of LaCreek National Wildlife Refuge.  
Entity\_Type\_Definition\_Source: LaCreek National Wildlife Refuge and the USGS-NPS Vegetation Mapping Program.  
Attribute:  
Attribute\_Label: AA\_1  
Attribute\_Definition: Assessed vegetation code - first choice  
Attribute\_Definition\_Source: LaCreek National Wildlife Refuge  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: numerical vegetation code  
Attribute:  
Attribute\_Label: AA\_2  
Attribute\_Definition: Assessed vegetation code - second choice  
Attribute\_Definition\_Source: LaCreek National Wildlife Refuge  
Attribute\_Domain\_Values:  
Unrepresentable\_Domain: numerical vegetation code  
Attribute:

Attribute\_Label: AA\_3

Attribute\_Definition: Assessed vegetation code(s) for the area around the point.

Attribute\_Definition\_Source: LaCreek National Wildlife Refuge

Attribute\_Domain\_Values:

Unrepresentable\_Domain: numerical vegetation code area around the point

Attribute:

Attribute\_Label: AREA

Attribute\_Definition: Internal ArcInfo item.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Area of feature internal units squared.

Attribute:

Attribute\_Label: DATA\_AA\_

Attribute\_Definition: Internal ArcInfo item

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Internal feature number.

Attribute:

Attribute\_Label: DATA\_AA\_ID

Attribute\_Definition: Internal ArcInfo item. Also, corresponds to the AA plot ID

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: User-defined feature number.

Attribute:

Attribute\_Label: PERIMETER

Attribute\_Definition: Internal ArcInfo item.

Attribute\_Definition\_Source: ESRI

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Perimeter of feature in internal units..

Attribute:

Attribute\_Label: PHOTO

Attribute\_Definition: Aerial photo number associated with the point location.

Attribute\_Definition\_Source: Horizon, Inc

Attribute\_Domain\_Values:

Unrepresentable\_Domain: numerical aerial photo number (whole numbers)

Attribute:

Attribute\_Label: SAME

Attribute\_Definition: Evaluation of the 'veg\_code' and 'aa-1' items. Value = same if veg\_code = aa\_1. Used during the office work associated with the AA procedure.

Attribute\_Definition\_Source: LaCreek National Wildlife Refuge

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Whole numbers

Attribute:

Attribute\_Label: VEG\_CODE

Attribute\_Definition: Vegetation code associated with the vegetation coverage (ie, the polygon that the point lies in).

Attribute\_Definition\_Source: LaCreek National Wildlife Refuge

Attribute\_Domain\_Values:

Unrepresentable\_Domain: numerical class code

Attribute:

Attribute\_Label: X\_COORD

Attribute\_Definition: UTM x (easterly, longitude) point location coordinate.

Attribute\_Definition\_Source: LaCreek National Wildlife Refuge

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Whole numbers

Attribute:

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Attribute\_Label: Y\_COORD

Attribute\_Definition: UTM y (northerly, latitude) coordinate of the point

Attribute\_Definition\_Source: LaCreek National Wildlife Refuge

Attribute\_Domain\_Values:

Unrepresentable\_Domain: Whole numbers

### Distribution\_Information:

#### Distributor:

##### Contact\_Information:

##### Contact\_Person\_Primary:

Contact\_Person: USGS-NPS Vegetation Mapping Program Coordinator

Contact\_Organization: U.S. Geological Survey, Center for Biological Informatics

##### Contact\_Address:

Address\_Type: mailing and physical address

##### Address:

U.S. Geological Survey, Center for Biological  
Informatics, MS 302, Room 8000, Building 810,  
Denver Federal Center

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

Contact\_Voice\_Telephone: (303) 202-4220

Contact\_Facsimile\_Telephone: 303-202-4229

Contact\_Facsimile\_Telephone: 303-202-4219 (org)

Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Resource\_Description: None at this time

#### Distribution\_Liability:

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Geological Survey.

#### Standard\_Order\_Process:

##### Digital\_Form:

##### Digital\_Transfer\_Information:

Format\_Name: HTML

##### Digital\_Transfer\_Option:

##### Online\_Option:

##### Computer\_Contact\_Information:

##### Network\_Address:

Network\_Resource\_Name: [http://biology.usgs.gov/npsveg/lacr/index.html#accuracy\\_assessment\\_info](http://biology.usgs.gov/npsveg/lacr/index.html#accuracy_assessment_info)

Fees: None

### Metadata\_Reference\_Information:

Metadata\_Date: 20020215

Metadata\_Review\_Date: 20060905

Metadata\_Contact:

Contact\_Information:

Contact\_Organization\_Primary:

Contact\_Organization: USGS-NPS Vegetation Mapping Program Coordinator

Contact\_Address:

Address\_Type: mailing and physical address

Address:

U.S. Geological Survey, Center for Biological Informatics, MS 302,  
Room 8000, Building 810, Denver Federal Center

City: Denver

State\_or\_Province: Colorado

Postal\_Code: 80225

Country: USA

Contact\_Voice\_Telephone: (303) 202-4220

Contact\_Facsimile\_Telephone: (303) 202-4219

Contact\_Electronic\_Mail\_Address: gs-b-npsveg@usgs.gov

Metadata\_Standard\_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part  
1: Biological Data Profile, 1999

Metadata\_Standard\_Version: FGDC-STD-001-1998

Metadata\_Extensions:

Online\_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile\_Name: Biological Data Profile FGDC-STD-001.1-1999